

PTO/SB/08a (08-03)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 1 of 8

Complete if Known

Application Number	10/777,838
Filing Date	February 12, 2004
First Named Inventor	Mark K. Wedel
Art Unit	Not Yet Assigned 1635
Examiner Name	Not Yet Assigned
Attorney Docket Number	ISIC0008-100 (FMDL0001US)

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
DS	A1	US-5,595,978	01/21/1997	Draper et al	
	A2	US- 5,705,188	01/06/1998	Junichi et al	
	A3	US- 5,135,917	08/04/1992	Burch	
	A4	US- 5,098,890	03/24/1992	Gewirtz et al.	
	A5	US- 5,087,617	02/11/1992	Smith	
	A6	US- 5,166,195	11/24/1992	Ecker	
	A7	US- 5,194,428	03/16/1993	Agrawal et al.	
	A8	US- 5,286,717	02/15/1994	Cohen et al.	
	A9	US- 5,276,019	01/04/1994	Cohen et al.	
	A10	US- 5,264,423	11/23/1993	Cohen et al.	
	A11	US- 4,689,320	08/25/1987	Kaji	
	A12	US- 5,242,906	09/07/1993	Pagano et al.	
	A13	US- 5,514,788	05/07/1996	Bennett et al.	
	A14	US- 5,581,623	01/07/1997	Bennett et al.	
	A15	US- 3,687,808			
	A16	US- 5,543,508	08/06/1996	Haseloff et al	
	A17	US- 5,545,729	08/13/1996	Goodchild et al	
	A18	US- 5,716,780	02/10/1998	Edwards et al	
	A19	US- 5,672,359	09/30/1997	Digenis et al	
DS	A20	US- 5,674,530	10/07/1997	Amidon et al	

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Examiner Initials *	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
DS	A21	WO97/30731	08/28/1997	The Immune Response Corp.		
DS	A22	WO93/24510	12/09/1993	Gosselin et al		

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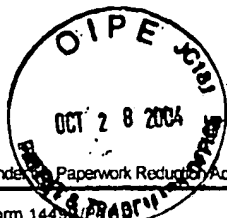
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 2 of 8

Complete if Known

Application Number	10/777,838
Filing Date	February 12, 2004
First Named Inventor	Mark K. Wedel
Art Unit	Not Yet Assigned
Examiner Name	Not Yet Assigned
Attorney Docket Number	ISIC0008-100 (FMDL0001US)

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
DS	B1	ROBERTSON, "Crohn's Trial Shows The Pros Of Antisense," <i>Nature Biotechnol.</i> (1997) 15:209.	
DS	B2	<i>Genetic Engineering News</i> , "ISIS Pharmaceuticals Demonstrates Efficacy In Chron's Disease With Its Antisense Drug," (1997) 17:1, 34.	
DS	B3	SVANINGER, et al., "Incidence And Characteristics Of Pouchitis In The Kock Continent Heostomy And The Pelvic Pouch," <i>Scand. J. Gastroenterol.</i> (1993) 28:695-700.	
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Sheet 3 of 8

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Application Number	10/777,838
Filing Date	February 12, 2004
First Named Inventor	Mark K. Wedel
Art Unit	Not Yet Assigned
Examiner Name	Not Yet Assigned
Attorney Docket Number	ISIC0008-100 (FMDL0001US)

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DS	B12	BENET, et al., "Pharmacokinetics, The Dynamics Of Drug Absorption, Distribution, And Elimination," <i>The Pharmacological Basis of Therapeutics</i> , 9 th ed., 1996, pp. 3-9.	
	B13	HIRAHATA, et al., <i>Gan To Kagaku Ryoho</i> (1992) 19 (10 Supp):1591-1594 (No English Translation).	
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DS	B15	AKAMO, et al., "Chemotherapy Targeting Regional Lymph Nodes By Gastric Submucosal Injection Of Liposomal Adriamycin In Patients With Gastric Carcinoma," <i>Japan. J. Cancer Res.</i> (1994) 85:652-658.	
DS	B16	INOUE, et al., "Trial Of Electrolyzed Strong Acid Aqueous Solution Lavage In The Treatment Of Peritonitis And Intraperitoneal Abscess," <i>Artif. Organs</i> (1997) 21:28-31.	
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DS	B20	EL-HARIRI, et al., "The Mitigating Effects Of Phosphatidylcholines On Bile Salt-And Lysophosphatidylcholine-Induced Membrane Damage," <i>J. Pharm. Pharmacol.</i> (1992) 44:651-654.	
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/Dana Shin/

Date
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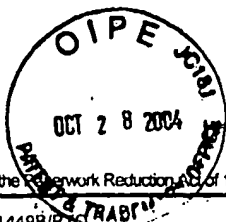
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Sheet 4 of 8

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Application Number	10/777,838
Filing Date	February 12, 2004
First Named Inventor	Mark K. Wedel
Art Unit	Not Yet Assigned
Examiner Name	Not Yet Assigned
Attorney Docket Number	ISIC0008-100 (FMDL0001US)

NON PATENT LITERATURE DOCUMENTS

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DS	B23	BUUR, et al., "Penetration Of 5-Fluorouracil And Prodrugs Across The Intestine Of The Albino Rabbit: Evidence For Shift In Absorption Site From The Upper To The Lower Region Of The Gastrointestinal Tract By Prodrugs," <i>J. Control. Rel.</i> (1990) 14:43-51.	
DS	B24	YAMASHITA, et al., "Effects Of Diclofenac Sodium And Disodium Ethylenediaminetetraacetate On Electrical Parameters Of The Mucosal Membrane And Their Relation To The Permeability Enhancing Effects In The Rat Jejunum," <i>J. Pharm. Pharmacol.</i> (1987) 39:621-628.	
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DS	B26	ALBERT, et al., "Antisense Knockouts: Molecular Scalpels For The Dissection Of Signal Transduction," <i>TIPS</i> (1994) 15:250-254.	
DS	B27	KROSCWITZ, "Polynucleotides," <i>Concise Encyclopedia of Polymer Science and Engineering</i> , Wiley & Sons, 1990, pp. 858-859	
DS	B28	ENGLISH, et al., "Chemically Modified Oligonucleotides As Probes And Inhibitors," <i>Angewandte Chemie, Intl. Ed.</i> (1991) 30:613-629.	
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Examiner Signature	/Dana Shin/	Date Considered	09/12/2006
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Sheet 5 of 8

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Application Number	10/777,838
Filing Date	February 12, 2004
First Named Inventor	Mark K. Wedel
Art Unit	Not Yet Assigned
Examiner Name	Not Yet Assigned
Attorney Docket Number	ISIC0008-100 (FMDL0001US)

NON PATENT LITERATURE DOCUMENTS

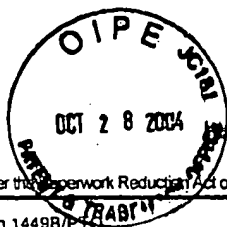
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DS	B34	MANOHARAN, et al., "Introductions Of A Lipophilic Thioether Tether In The Minor Groove Of Nucleic Acids For Antisense Applications," <i>Bioorg. Med. Chem. Lett.</i> (1993) 3:2765-2770.	
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Sheet 6 of 8

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First Named Inventor	Mark K. Wedel
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DS	B45	BUZAYAN, et al., "Satellite Tobacco Ringspot Virus RNA: A Subset Of The RNA Sequence Is Sufficient For Autolytic Processing," <i>Proc. Natl. Acad. Sci. USA</i> (1986) 83:8859-8862.	
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DS	B49	HASELOFF, et al., Simple RNA Enzymes With New And Highly Specific Endoribonuclease Activities," <i>Nature</i> (1988) 334:585-591.	
DS	B50	BAKER, et al., "Cleavage Of The 5' Cap Structure Of mRNA By A Europium(III) Macrocyclic Complex With Pendant Alcohol Groups," <i>J. Am. Chem. Soc.</i> (1997) 119:8749-8755.	
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DS	B52	COLE-STAUBS, et al., "Correction Of The Mutation Responsible For Sickle Cell Anemia By An RNA-DNA Oligonucleotide," <i>Science</i> (1996) 273:1386-1389.	
DS	B53	BERGE, et al., "Pharmaceutical Salts," <i>J. Pharma. Sci.</i> (1977) 66:1-18.	
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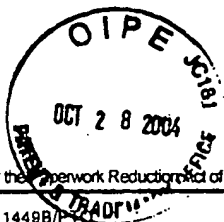
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 7 of 8

Complete if Known

Application Number	10/777,838
Filing Date	February 12, 2004
First Named Inventor	Mark K. Wedel
Art Unit	Not Yet Assigned
Examiner Name	Not Yet Assigned
Attorney Docket Number	ISIC0008-100 (FMDL0001US)

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
DS	B56	CROOKE, "Progress In Antisense Therapeutics," <i>Hematologic Pathol.</i> (1985) 9:59-72.	
DS	B57	IDSON, "Pharmaceutical Emulsions," <i>Pharmacological Dosage Forms</i> , 1988, p. 199-243.	
DS	B58	ROSOFF, "Specialized Pharmaceutical Emulsions," <i>Pharmacological Dosage Forms</i> , 1988, p. 245-283.	
DS	B59	BLOCK, "Emulsions And Microemulsions," <i>Pharmacological Dosage Forms</i> , 1989, pp. 335-378.	
DS	B60	RIEGER, "Surfactants," <i>Pharmaceutical Dosage Forms</i> , 1988, pp. 285-366.	
DS	B61	HIGUCHI, et al., "Particle Phenomena And Coarse Dispersions," <i>Remington's Pharmaceutical Sciences</i> , 1985, p. 301-329.	
DS	B62	LEUNG and SHAH, "Microemulsions: An Evolving Technology For Pharmaceutical Applications," <i>Controlled Release of Drugs: Polymer and Aggregate Systems</i> , 1989, pp. 185-215.	
DS	B63	CONSTANTINIDES, et al., "Formulation And Intestinal Absorption Enhancement Evaluation Of Water-In-Oil Microemulsions Incorporating Medium-Chain Glycerides," <i>Pharmac. Res.</i> (1994) 11:1385-1390.	
DS	B64	RITSCHER, "Microemulsions For Improved Peptide Absorption From The Gastrointestinal Tract," <i>Meth. Find. Exp. Clin. Pharmacol.</i> (1991) 13:205-220.	
DS	B65	HO, et al., "Preparation Of Microemulsions Using Polyglycerol Fatty Acid Esters As Surfactant For The Delivery Of Protein," <i>J. Pharm. Sci.</i> (1988) 85:138-143.	
DS	B66	NISHIHATA and RYTTING, "Absorption-Promoting Adjuvants: Enhancing Action On Rectal Absorption," <i>Adv. Drug Delivery Rev.</i> (1997) 28:205-228.	

Examiner
Signature

/Dana Shin/

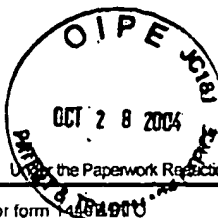
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 8 of 8

Complete if Known

Application Number	10/777,838
Filing Date	February 12, 2004
First Named Inventor	Mark K. Wedel
Art Unit	Not Yet Assigned
Examiner Name	Not Yet Assigned
Attorney Docket Number	ISIC0008-100 (FMDL0001US)

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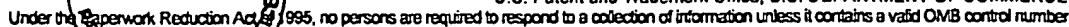
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DS	867	DEAN, et al., "Inhibition Of Protein Kinase C- α Expression In Mice After Systemic Administration Of Phosphorothioate Antisense Oligodeoxynucleotides," <i>Proc. Natl. Acad. Sci.</i> (1994) 91:11762-11766.	
DS	868	US Congress Office of Technology Assessment, "The State-Of-The-Art In Genetic Screening," <i>Genetic Monitoring and Screening in the Workplace</i> , Chap. 5, OTA-BA-455, US Govt. Printing Office, Washington, DC, 1990 pp.75-99.	
DS	869	Schott, "Colloidal Dispersions," <i>Remington's Pharmaceutical Sciences</i> , (1994) 11:13851390.	

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First Named Inventor	Mark K. Wedel
Art Unit	To Be Determined
Examiner Name	To Be Determined
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Sheet	1	of	1
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Examiner Signature	/Dana Shin/	Date Considered	09/12/2006
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